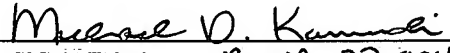


TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER 053466-0412
INTERNATIONAL APPLICATION NO. PCT/JP2004/011812	INTERNATIONAL FILING DATE 8/11/2004	U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) Unassigned
TITLE OF INVENTION SUGAR-CHAIN-ALTERED ANTI-HM1.24 ANTIBODY		PRIORITY DATE CLAIMED 8/11/2003
APPLICANT(S) FOR DO/EO/US Masayuki TSUCHIYA, Shigeyuki IJIMA, Izumi SUGO, Masamichi SUGIMOTO		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1. <input type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.		
2. <input checked="" type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.		
3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.		
4. <input type="checkbox"/> The US has been elected (Article 31).		
5. <input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))		
<input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).		
<input type="checkbox"/> has been communicated by the International Bureau.		
<input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US)		
6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).		
<input type="checkbox"/> is attached hereto.		
<input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).		
7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))		
<input type="checkbox"/> are attached hereto (required only if not transmitted by the International Bureau).		
<input type="checkbox"/> have been communicated by the International Bureau.		
<input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.		
<input type="checkbox"/> have not been made and will not be made.		
8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).		
9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).		
10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).		
Items 11 to 20 below concern other document(s) or information included:		
11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.		
12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.		
13. <input checked="" type="checkbox"/> An Amendment in Response to Notice Under 37 CFR §§1.821-1.825.		
14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.		
15. <input type="checkbox"/> A substitute specification.		
16. <input type="checkbox"/> A power of attorney and/or change of address letter.		
17. <input checked="" type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825		
18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).		
19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).		
<input checked="" type="checkbox"/> Other items or information: Transmittal of Response to Notice to Comply; Statement to Support Filing and Submission in Accordance with 37 CFR §§1.821-1.825; Sequence Listing; and Return Copy of Notification to Comply with Requirements.		

U.S. APPLICATION NO. (If known, see 37 CFR. 1.5) Unassigned		INTERNATIONAL APPLICATION NO. PCT/JP2004/011812		ATTORNEY'S DOCKET NUMBER 053466-0412	
The following fees have been submitted:					
21. <input checked="" type="checkbox"/>	Basic national fee			\$300	\$ 0.00
22. <input checked="" type="checkbox"/>	Examination fee				
If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)				\$100	\$ 0.00
All other situations				\$200	
23. <input checked="" type="checkbox"/>	Search fee				
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority				\$100	
International Search Report prepared and provided to the Office				\$400	
All other situations				\$500	\$ 0.00
TOTAL OF ABOVE 21, 22 and 23 =					\$ 0.00
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$ for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)		RATE	
52 - 100 =	0 /50 =	0		x \$250.00	\$ 0.00
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e))					\$ 0.00
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		\$
Total Claims	12 - 20 =	0	x \$ 50.00		\$ 0.00
Independent Claims	2 - 3 =	0	x \$ 200.00		\$ 0.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$ 360.00		\$
TOTAL OF ABOVE CALCULATIONS =					\$ 0.00
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.					\$ 0.00
SUBTOTAL =					\$ 0.00
Processing fee of 130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).					\$
TOTAL NATIONAL FEE =					\$ 0.00
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). 40.00 per property					\$
TOTAL FEES ENCLOSED =					\$ 0.00
					Amount to be refunded:
					charged:
<p>a. <input type="checkbox"/> A check in the amount of 0.00 to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. <u>19-0741</u> in the amount of 0.00 to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>19-0741</u>. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charge to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p> <p>NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.</p>					
SEND ALL CORRESPONDENCE TO:					
Foley & Lardner LLP					
Customer Number: 22428					
 SIGNATURE <u>Reg. No. 32,904</u> Harold C. Wegner NAME <u>25,258</u> REGISTRATION NUMBER					

02/10/2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Masayuki TSUCHIYA et al.
Title: SUGAR-CHAIN-ALTERED
ANTI-HM1.24 ANTIBODY
Appl. No.: 10/567,856
International Filing Date: 8/11/2004
371(c) Date:
Examiner: Unassigned
Art Unit: 1645
Confirmation Number: 5614

TRANSMITTAL OF RESPONSE TO NOTICE TO COMPLY

Mail Stop Missing Parts
Commissioner for Patents
PO Box 1450
Alexandria, Virginia 22313-1450

Sir:

In response to the Notice to Comply with Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures mailed on August 11, 2006, in the above-identified application, transmitted herewith are the required items needed to complete the filing of the subject patent application.

Enclosed are:

- [X] One (1) CD-ROM copy of the Sequence Listing.
- [X] Amendment in Response to Notice Under 37 C.F.R. §§1.821-1.825 (4 pages).
- [X] Copy of Statement to Support Filing and Submission in Accordance with 37 C.F.R. §§1.821-1.825 (1 page).
- [X] Submission of Sequence Listing Under 37 C.F.R. §1.821 (e) (9 pages).

[X] Return Copy of Notice to Comply (2 pages).

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Respectfully submitted,

Date October 10, 2006

FOLEY & LARDNER LLP
Customer Number: 22428
Telephone: (202) 672-5571
Facsimile: (202) 672-5399

By Michael W. Kammeri
Reg. No. 32,904, for

Harold C. Wegner
Attorney for Applicant
Registration No. 25,258



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/567,856	Masayuki Tsuchiya	0534660412

INTERNATIONAL APPLICATION NO.

PCT/JP04/11812

I.A. FILING DATE

PRIORITY DATE

08/11/2004

08/01/2003

22428
 FOLEY AND LARDNER LLP
 SUITE 500
 3000 K STREET NW
 WASHINGTON, DC 20007

CONFIRMATION NO. 5614

371 FORMALITIES LETTER



OC000000019980877

Date Mailed: 08/11/2006

NOTIFICATION TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE AND/OR AMINO ACID SEQUENCE DISCLOSURES

Applicant is given **TWO MONTHS FROM THE DATE OF THIS NOTICE** within which to file the items indicated below to avoid abandonment. Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

- This application clearly fails to comply with the requirements of 37 CFR. 1.821-1.825. Applicant's attention is directed to the final rulemaking notice published at 55 FR 18230 (May 1, 1990), and 1114 OG 29 (May 15, 1990). If the effective filing date is on or after July 1, 1998, see the final rulemaking notice published at 63 FR 29620 (June 1, 1998) and 1211 OG 82 (June 23, 1998). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000). Applicant must provide an initial computer readable form (CRF) copy of the "Sequence Listing", an initial paper or compact disc copy of the "Sequence Listing", **as well as an amendment specifically directing its entry into the application.** Applicant must also provide a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.
- A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 CFR 1.821(e). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000). Applicant must provide an initial computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.

Applicant is cautioned that correction of the above items may cause the specification and drawings page count to exceed 100 pages. If the specification and drawings exceed 100 pages, applicant will need to submit the required application size fee.

For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:

- For Rules Interpretation, call (571) 272-0951
- For Patent Software Program Help, call Patent EBC at 1-866-217-9197 or directly at 703-305-3028 / 703-308-6845 between the hours of 6 a.m. and 12 midnight, Monday through Friday, EST.
- Send e-mail correspondence for Patent Software Program Help @ ebc@uspto.gov

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

ANITA D JOHNSON

Telephone: (703) 308-9140 EXT 226

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/567,856	PCT/JP04/11812	0534660412

FORM PCT/DO/EO/922 (371 Formalities Notice)